Application/Control No

10/658,958 Examiner

Applicant(s)/Patent under Reexamination

OUCHI ET AL.

Art Unit

Stephen G. Sherman

2674

7	Rejected
II	Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

Claim Date Image: Solution of the content of the c			_						'						
1 V	Cla	aim		_		_[Date	9	_				Cla	ıim	
2 \(\sqrt{1} \)	Final	Original	12/30/05										Final	Original	
3 \(\lambda \) 53 54 55 55 56 77 \(\lambda \) 57 58 59 59 10 \(\lambda \) 60 61 12 \(\lambda \) 62 13 \(\lambda \) 63 64 65 66 66 17 \(\lambda \) 66 66 67 67 68 19 69 70 70 71 71 72 72 73 74 74 75 75 76 77 77 78 78 79 79 79 70 70 70 70 70								Г				į		51	
4 √ 5 √ 6 √ 7 √ 8 √ 9 √ 10 √ 60 61 11 √ 62 63 14 √ 15 √ 66 67 18 √ 68 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 <		2												52	
5 √ 6 √ 7 √ 8 √ 9 √ 10 √ 60 61 11 √ 62 63 14 √ 15 √ 16 √ 18 √ 68 69 20 70 21 71 22 72 23 73 24 74 25 75 26 77 27 77 28 79 30 80 31 81 32 83 33 84 34 84 35 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96					L									53	
6 √ 7 √ 8 √ 10 √ 60 60 11 √ 61 62 13 √ 63 63 14 √ 65 66 17 √ 68 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 82 33 83 34 84 35 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 99		4		<u> </u>	<u> </u>	_		_						54	\sqcup
7 √ 8 √ 9 √ 10 √ 11 √ 60 61 11 √ 62 63 14 √ 65 66 17 √ 18 √ 19 68 20 70 21 71 22 73 24 74 25 75 26 75 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 96 47 97 48 99				<u> </u>	<u> </u>		_	_	_	_					Ш
8 \$\forall \$\foral				<u> </u>	<u> </u>	<u> </u>	<u> </u>	_							\vdash
9				_	_	<u> </u>	<u> </u>	_						57	$\vdash \vdash$
10 √ 60 11 √ 60 12 √ 63 13 √ 64 15 √ 65 16 √ 66 17 √ 68 19 69 20 70 21 71 22 73 24 74 25 76 27 77 28 79 30 80 31 81 32 82 33 84 35 85 36 37 38 88 39 90 41 90 41 91 42 92 43 94 45 96 47 97 48 99 49 99				⊢	┝	┝	<u> </u>	⊢	H					58	\vdash
11 √ 61 12 √ 62 13 √ 63 14 √ 64 15 √ 65 16 √ 66 17 √ 67 18 √ 68 19 69 69 20 70 71 22 72 72 23 73 74 25 75 76 27 77 78 29 79 30 30 80 81 31 81 82 33 83 83 34 84 84 35 85 86 37 87 87 38 88 89 40 90 90 41 91 92 43 94 95 46 96 96 47 97 98 49 99 99 <td>-</td> <td></td> <td></td> <td>\vdash</td> <td>┝</td> <td>-</td> <td>┢</td> <td>┢</td> <td>\vdash</td> <td>┝</td> <td></td> <td> </td> <td></td> <td>59</td> <td>\vdash</td>	-			\vdash	┝	-	┢	┢	\vdash	┝				59	\vdash
12 \(\)				\vdash	\vdash	⊢	┝	⊢	\vdash	 	\vdash			61	┢╌┼
13 √ 63 14 √ 64 15 √ 65 16 √ 66 17 √ 67 18 √ 68 19 69 69 20 70 71 22 72 72 23 73 74 25 75 75 26 76 77 28 79 79 30 80 80 31 81 81 32 82 82 33 83 83 34 84 84 35 85 86 37 87 87 38 89 90 40 91 91 42 92 93 43 94 94 45 95 96 47 97 98 49 99 99				 	┢	┢	┢	┢	H	 				62	H
14 √ 64 15 √ 65 16 √ 66 17 √ 67 18 √ 68 19 69 69 20 70 71 22 72 72 23 73 74 25 75 75 26 76 77 28 79 79 30 80 81 32 82 82 33 83 84 35 85 85 36 37 87 38 88 89 40 90 91 41 91 92 43 93 94 44 94 94 45 95 96 47 97 98 48 99 99		13		┢		\vdash	-	┢		\vdash				63	H
15 \ 65 16 \ 66 17 \ 67 18 \ 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98				\vdash	\vdash	_	_	 	┢	\vdash		lì		64	\Box
16 √ 66 17 √ 67 18 √ 68 19 69 70 21 71 72 23 73 74 25 75 76 26 76 77 28 79 79 30 80 81 32 82 82 33 83 83 34 84 84 35 85 86 37 87 87 38 88 89 40 90 91 41 91 92 43 93 94 44 94 95 46 96 96 47 97 98 49 99 99					_									65	\Box
17 √ 18 √ 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98			1	Г	Г	Г		Т			Г	П		66	\Box
19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99														67	
20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98		18	1											68	
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99														69	
22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98								L						70	
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>							<u> </u>		_					\sqcup
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98	ļ		<u> </u>	_	_	<u> </u>	_	_		<u> </u>	_				\sqcup
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	23	_	_	_	_	<u> </u>	┡		_				73	
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	24	_	┝	 		-	-	-	<u> </u>	_			75	\vdash
27 28 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	25	⊢	┢	┢	├	⊢	\vdash	_	\vdash	_			76	\vdash
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 49 99	ļ	27	-	-	-	┢╾	\vdash	\vdash		 	-				\vdash
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	├		\vdash	\vdash			-					H
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		29	\vdash	 	\vdash	H	-	 	1						Ħ
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	Ι-			Т	-		 				80	H
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash						m			li			П
33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32									Ī			82	
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		33												83	
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		34												84	
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			_	<u></u>					Ĺ	匚	$ldsymbol{oxed}$			85	Ц
38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	<u> </u>	_	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$			86	Ш
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	ļ		<u> </u>	_	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				\sqcup
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	<u> </u>	—	<u> </u>	⊢	 	<u> </u>	⊢	⊢				$\vdash \vdash$
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			 	⊢	├			-	-	├	├				$\vdash \vdash$
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-		 	-	\vdash	-	<u> </u>	 —	-	\vdash	<u> </u>				
43 93 44 94 45 95 46 96 47 97 48 98 49 99	-		-	\vdash	+	-	⊢	├	 	-	⊢				┝╌┼
44 94 45 95 46 96 47 97 48 98 49 99	\vdash	43	\vdash	-	-	\vdash	-	\vdash	-	\vdash	\vdash			92	\vdash
45 95 96 96 47 97 48 98 99 99			\vdash	\vdash	H	 -	\vdash	╁	\vdash	\vdash	\vdash				$\vdash \vdash$
46 96 97 97 48 98 99 99			\vdash	┢	\vdash	\vdash	_	 		\vdash	\vdash				\vdash
47 97 98 98 49 99			\vdash	T	T	-	T	1	1	\vdash	\vdash		-		$\vdash \vdash$
48 98 99 99		47	Г	Γ		T	T	Ι_	Г	T		1			\sqcap
49 99		48					Γ			Г				98	
50 100		49												99	
		50]			

Cla	im	_				ate			_	
						Jalt				_
Final	Original									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
<u> </u>	59			Ш		Ш		Ш	Ш	
	60	L		L	L_,	L	\Box		Щ	
	61								Щ	
\vdash	62					L.,			L	
	63	<u> </u>	<u> </u>	Ш	<u> </u>		Щ		\vdash	_
-	64		H	\vdash	\vdash		\vdash	\vdash	\vdash	-
<u> </u>	65	-		-			-		-	<u> </u>
-	66 67	 		├	\vdash	-	$\vdash \vdash$	-	\vdash	
<u> </u>	68	\vdash	-	<u> </u>	<u> </u>	\vdash	\vdash		H	_
\vdash	69	-	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	
	70	H	\vdash	\vdash	\vdash	\vdash	H	\vdash	\vdash	<u> </u>
-	71	 	-	\vdash	-	-	_	\vdash	\vdash	_
	72	\vdash	\vdash	 	\vdash	\vdash	-	\vdash	\vdash	_
	73	\vdash	Н	Н	\vdash	\vdash	Н	Н	\vdash	-
	74	-								
	75									
	76									
	77									
	78									
<u> </u>	79		$oxed{oxed}$				L		L_	
<u></u>	80		L	<u></u>	<u> </u>		L	<u> </u>	L.,	_
<u> </u>	81	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	L	<u> </u>	 	L
<u> </u>	82		L	<u> </u>	<u> </u>	<u> </u>	\sqcup	L_	<u> </u>	_
<u> </u>	83	_		<u> </u>		<u> </u>		<u> </u>	<u> </u>	
	84		<u> </u>	<u> </u>	<u> </u>	<u> </u>	H	<u> </u>	-	
	85	H	L	\vdash	<u> </u>	<u> </u>		H	\vdash	
-	86 87	\vdash	\vdash	\vdash	-	\vdash	<u> </u>	<u> </u>	\vdash	-
\vdash	88	-	\vdash	\vdash	\vdash	\vdash	\vdash	 	H	-
-	89	-	-	H	-	\vdash			H	-
-	90		\vdash	-	\vdash	 	\vdash	 		
-	91		 	\vdash	\vdash	\vdash	\vdash	\vdash	1	
	92	\vdash	\vdash	┢	一	┢	\vdash	\vdash	H	
	93			Г	<u> </u>					
	94									
	95									
	96									
	97									
	98				Ĺ	匚	匚			
	99		_	$oxed{oxed}$	L.	<u> </u>		<u> </u>	L	L
	1400		1							

CI	aim	Date								
011					Ť					\dashv
Final	Original									
	101 102 103 104 105 106									
	102			\vdash						\dashv
	103	_		<u> </u>		_				
	104	_		_			_	\vdash		
	106	-	_	-	-		\vdash	\vdash		\dashv
	107			\vdash			H			\vdash
	108 109 110					_				\vdash
	109									
	110									
	111 112 113 114 115			<u> </u>		_			_	
	112			_		H	<u> </u>	\vdash		\Box
	113		_	├	_	\vdash	<u> </u>	_	_	
	115	-		├	_	H	-		-	\vdash
	116			-		┝	 	\vdash	_	\dashv
_	116 117 118	\vdash	\vdash	-		 	\vdash	\vdash	_	Н
	118									
	119 120 121 122 123									
	120									
	121	L	<u> </u>	_	<u> </u>					Щ
	122	L.	<u> </u>	<u> </u>	<u> </u>			_		Щ
	123	<u> </u>	-	H	<u> </u>			H		Н
	124	⊢	-	├─	├		┝	 		Н
	124 125 126 127 128 129 130	┢	┢		H					Н
	127	_	Г	1	\vdash	\vdash	\vdash			П
	128	\Box								
	129									
	130			_	_	<u> </u>				
	131	<u> </u>	_	<u> </u>	L	<u> </u>	_		_	Ш
<u> </u>	132 133 134	<u> </u>	-	_	<u> </u>	<u> </u>	_	L.	<u> </u>	
	133	├	┡	-	_		┞	H	H	Н
 -	135	├		┝	├─	-	┢	-	\vdash	Н
-	135 136	┝	\vdash	\vdash	-	\vdash	\vdash	-	-	
<u> </u>	137								H	Н
	138	Г								П
	139									
	140			_	Ц_	L	<u> </u>		L	Щ
<u> </u>	141	_		<u> </u>	<u> </u>	<u> </u>	<u> </u>			Щ
	142	-	-	<u> </u>	<u> </u>	_	_	\vdash	<u> </u>	Н
 	143	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	Н
 -	145	-	-	\vdash	\vdash	\vdash	\vdash	-	┝	-
	146	-	┢	\vdash	\vdash	\vdash	\vdash	-	\vdash	Н
	147	T	┢	\vdash	\vdash	┢	\vdash	Н		H
	148				T			_	Г	П
	149									
L	150									